



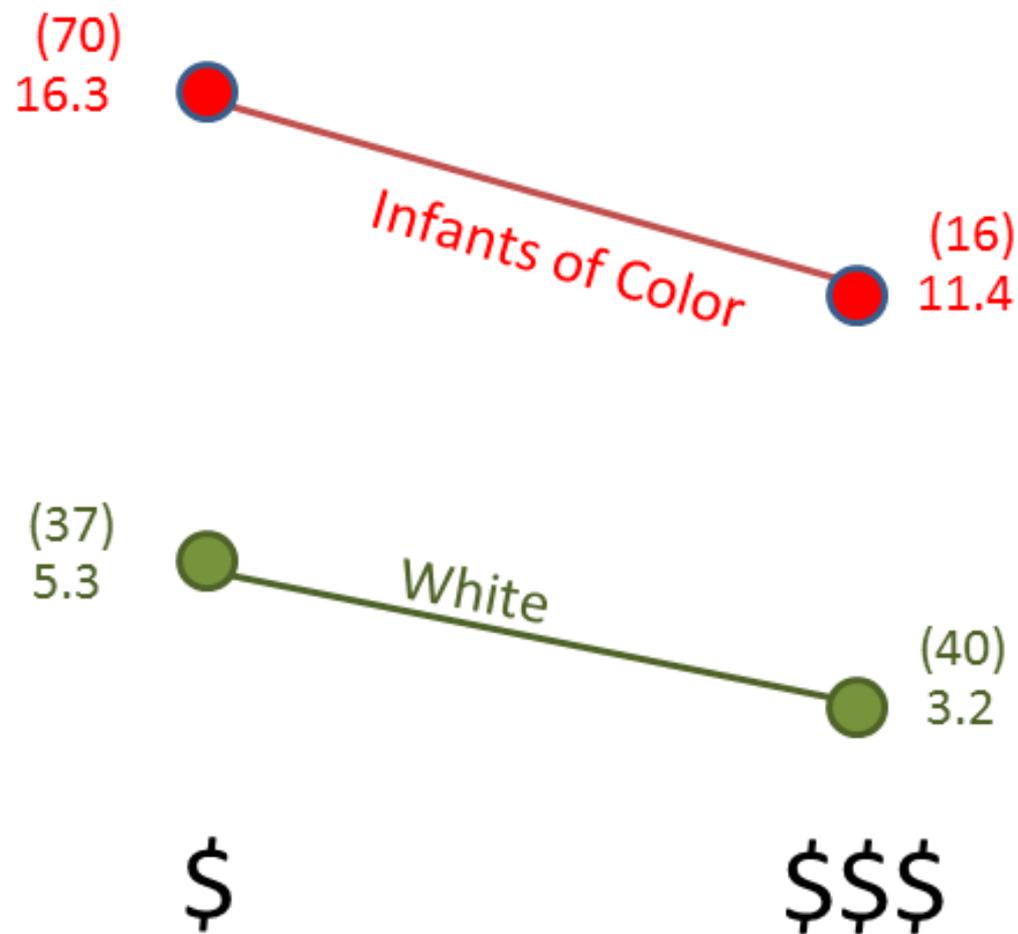
ANNUAL MEETING, 2018

RESEARCH: Degrees of Poverty, Race & Infant Outcomes

Catherine L. Kothari PhD
Associate Professor, WMed

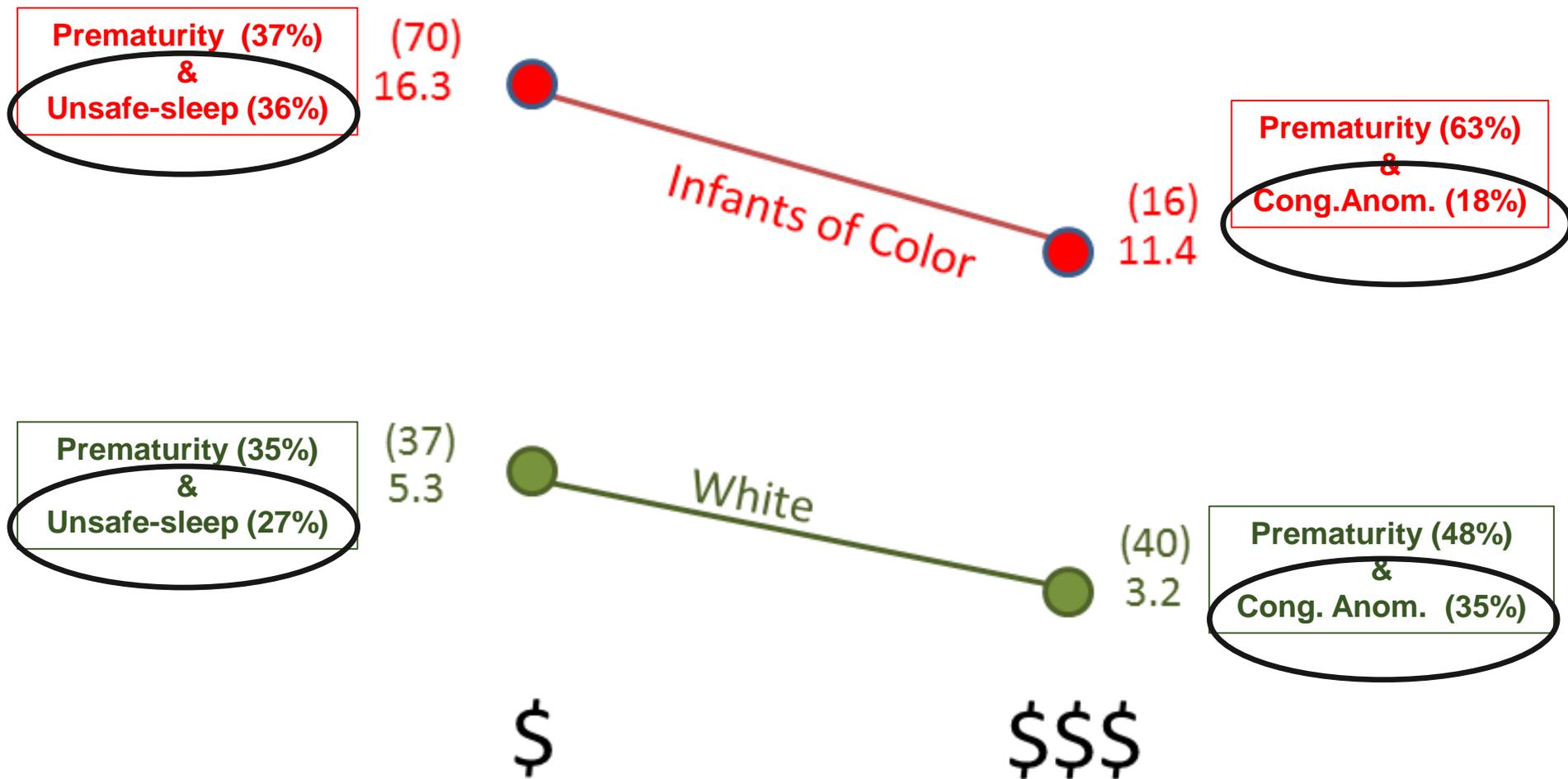
The Rate Trend Continues

Kalamazoo County IMR, 2010-2017 estimate (163)



Causal Differences Now Dividing Along Income Lines

Kalamazoo County IMR, 2010-2017 estimate (163)



What Else Matters?

Chances of a Poor Birth Outcome - Everyone

2008-2014 Birth Records (21,858)*

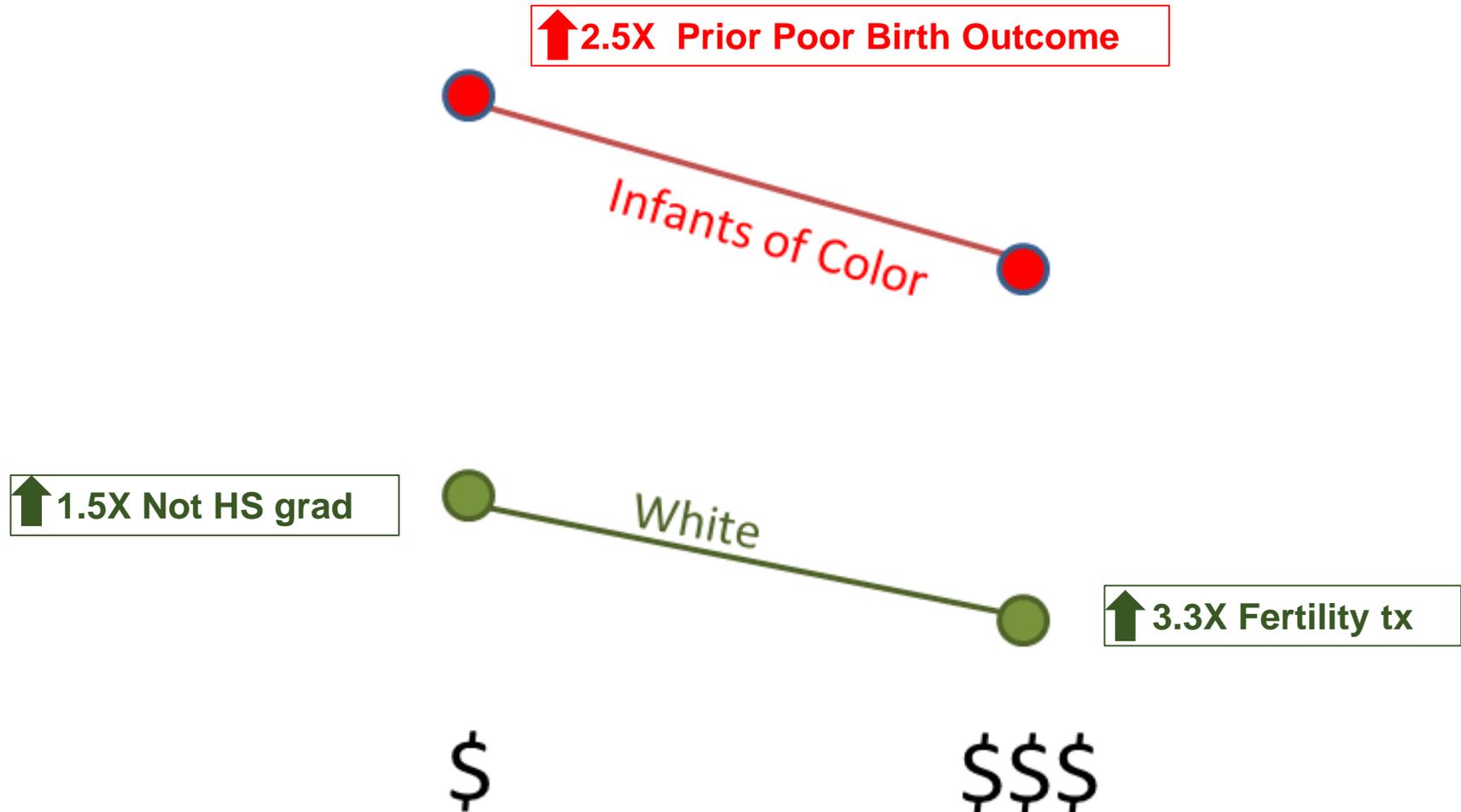
↑ 2.5X Chronic Disease (Bl. Pressure)

↑ 2.0X Inadequate Prenatal Care

*Vital Statistics, Kalamazoo County. Poor Birth Outcome= premature, low birthweight, infant death

Chances of a Poor Birth Outcome - Varies

2008-2014 Birth Records (21,858)*



*Vital Statistics, Kalamazoo County. Poor Birth Outcome= premature, low birthweight, infant death

Infants Going Home to Families Living....

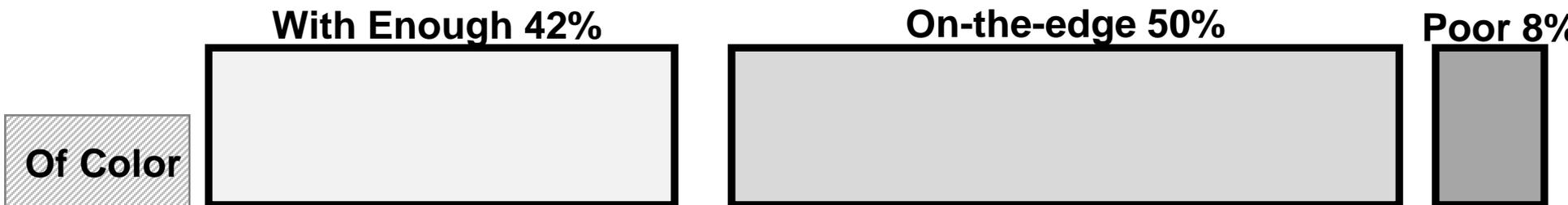
Mom's Health Experiences Study (273)*



*Self-Reported Income, Insurance, Basic Needs (housing, food, transportation)

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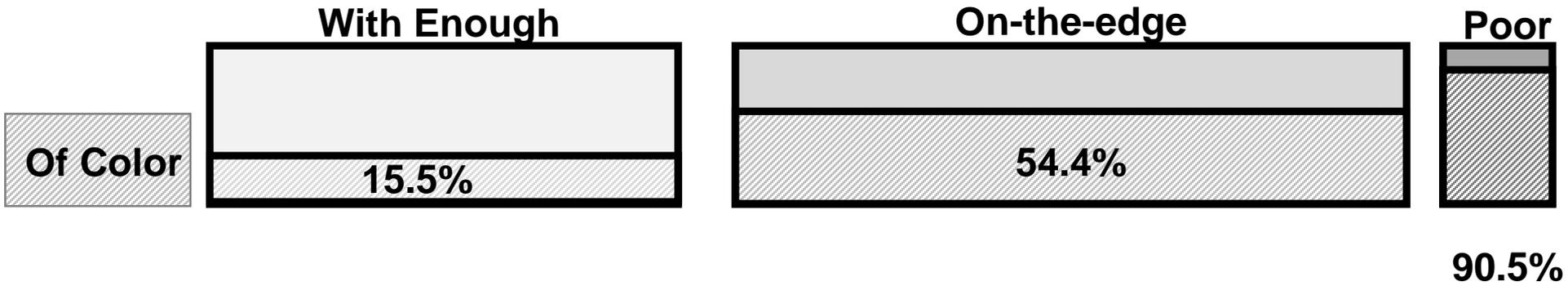
Mom's Health Experiences Study (273)*



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Depends upon race....

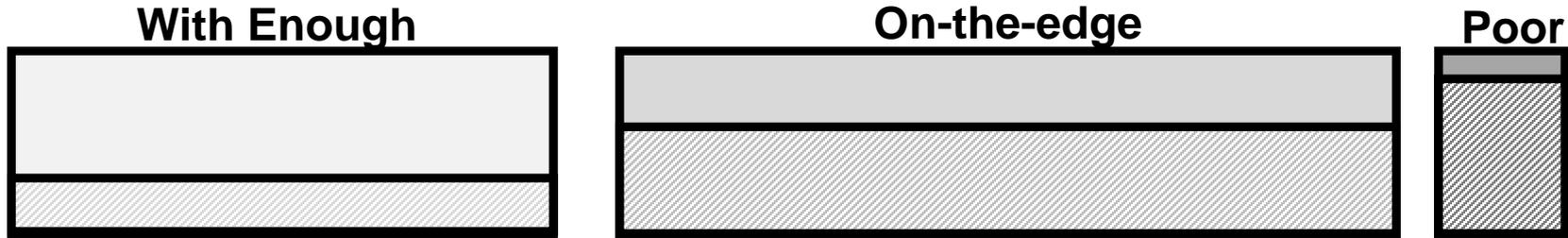
Mom's Health Experiences Study (273)*



What Does This Mean on a Daily Living Basis?

Social Support

Mom's Health Experiences Study (273)*



With Enough

On-the-edge

Poor

Neighbors are helpful

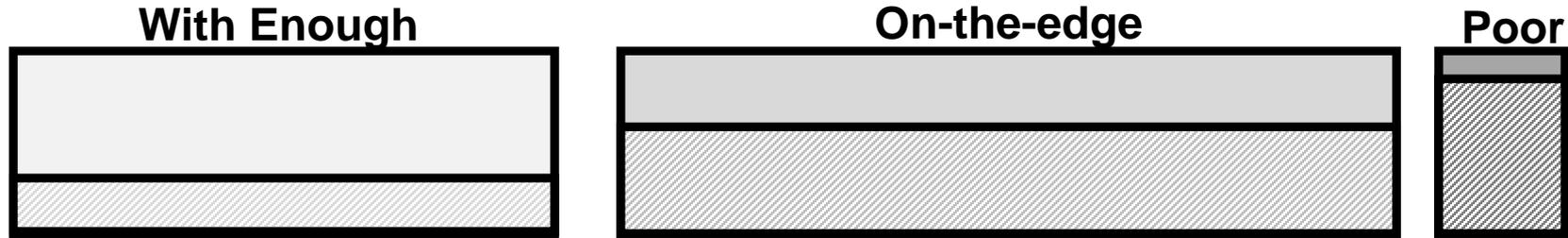
87.1%

63.2%

42.9%

Social Support

Mom's Health Experiences Study (273)*



Neighbors are helpful
Partner helps with baby
Partner supports Mom
Abused by partner

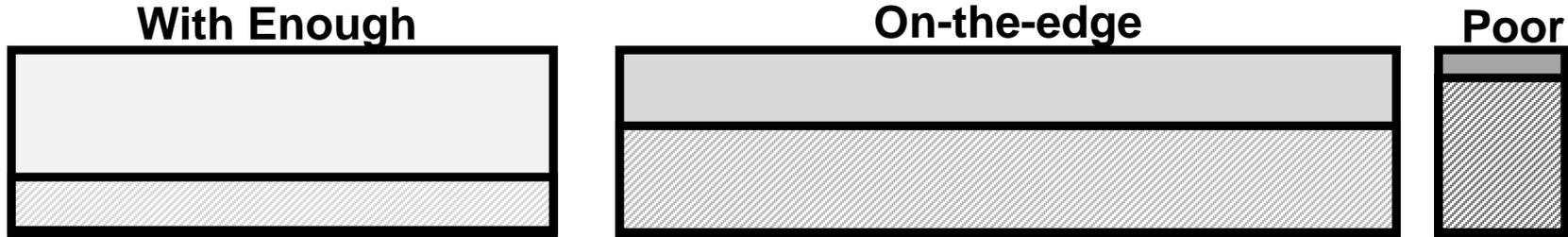
87.1%
89.6%
86.2%
0

63.2%
73.3%
69.6%
8.9%

42.9%
47.6%
38.1%
15.0%

Value Within Community

Mom's Health Experiences Study (273)*



Neighbors are helpful
Partner helps with baby
Partner supports Mom
Abused by partner
Experience regular discrim

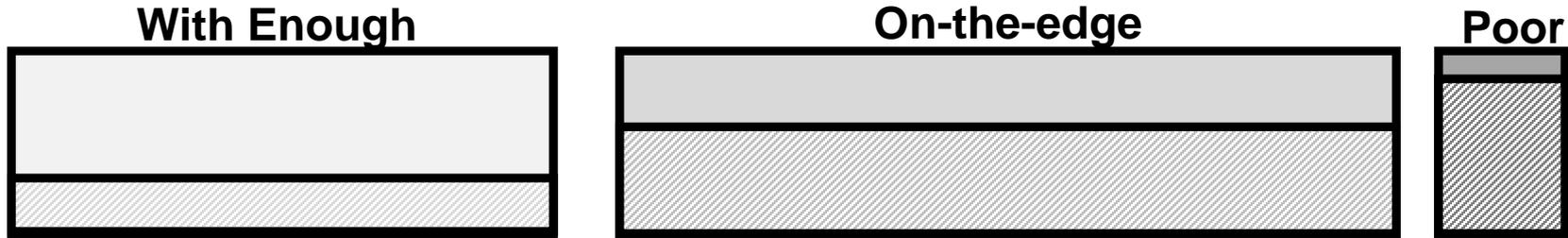
87.1%
89.6%
86.2%
0
19.8%

63.2%
73.3%
69.6%
8.9%
43.4%

42.9%
47.6%
38.1%
15.0%
52.4%

And So.....

Mom's Health Experiences Study (273)*



Neighbors are helpful	87.1%
Partner helps with baby	89.6%
Partner supports Mom	86.2%
Abused by partner	0
Experience regular discrim	19.8%
Depressed during pregnancy	1.7%

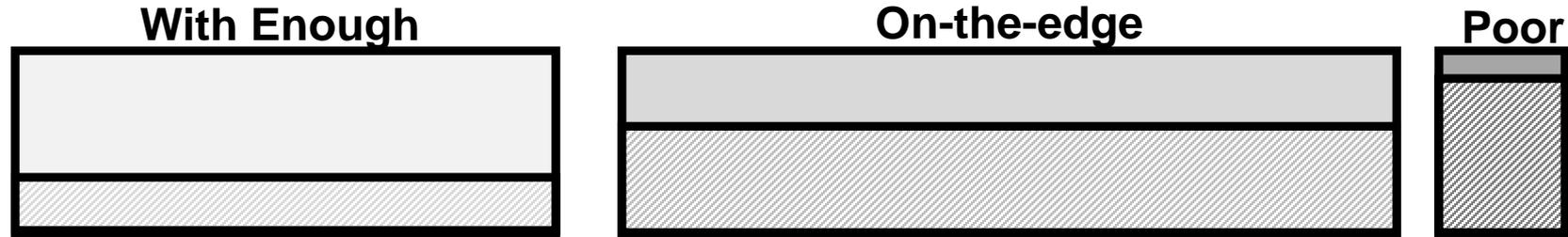
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Abused by partner	0	8.9%	15.0%
Experience regular discrim	19.8%	43.4%	52.4%
Depressed during pregnancy	1.7%	10.4%	20.0%
Smoked tobacco in last year	3.4%	29.0%	45.0%
Marijuana in last year	1.8%	14.2%	35.0%
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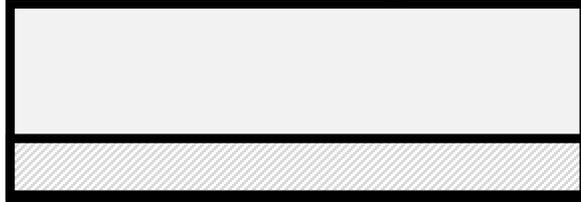
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Safe Sleep Practices

Mom's Health Experiences Study (273)*

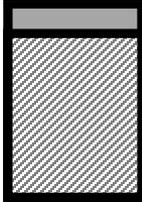
With Enough



On-the-edge



Poor



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Infant co-sleeping (2 mos)	13.0%	14.1%	25.0%

Access to Medical Care

Mom's Health Experiences Study (273)*

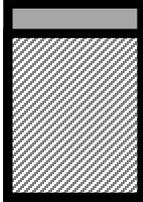
With Enough



On-the-edge



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Abused prescription drugs	0	3.7%	5.0%
Infant co-sleeping (2 mos)	13.0%	14.1%	25.0%
Have primary care doctor	66.4%	33.1%	15.0%
Have had postpartum visit	86.2%	70.4%	65.0%

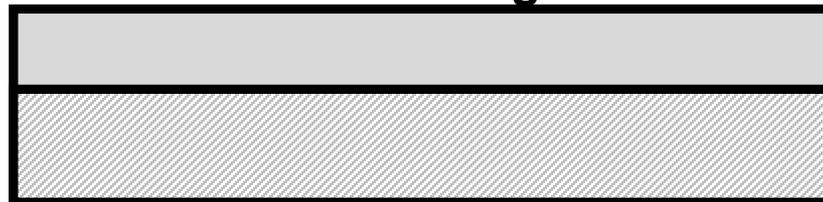
...And Babies' Start in Life

Mom's Health Experiences Study (273)*

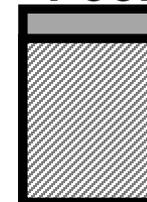
With Enough



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Premature baby	12.9%	16.2%	28.6%
Low birthweight baby	4.3%	5.9%	23.8%

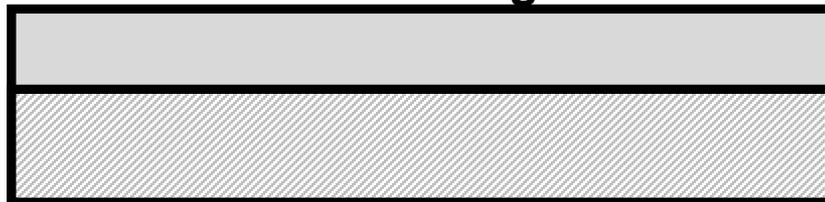
Infants Going Home to Families Living....

Mom's Health Experiences Study (273)*

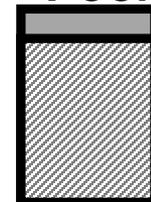
With Enough



On-the-edge



Poor



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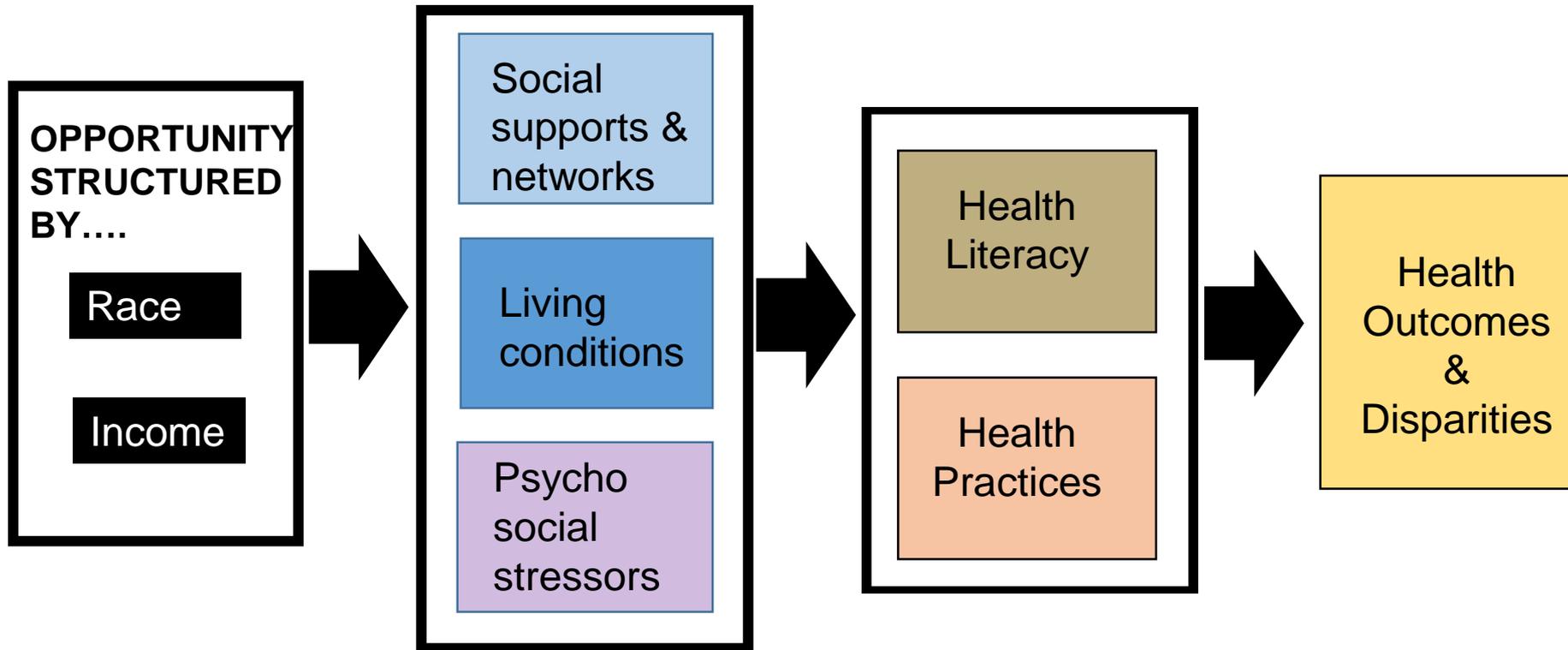
Different Opportunities

**OPPORTUNITY
STRUCTURED
BY....**

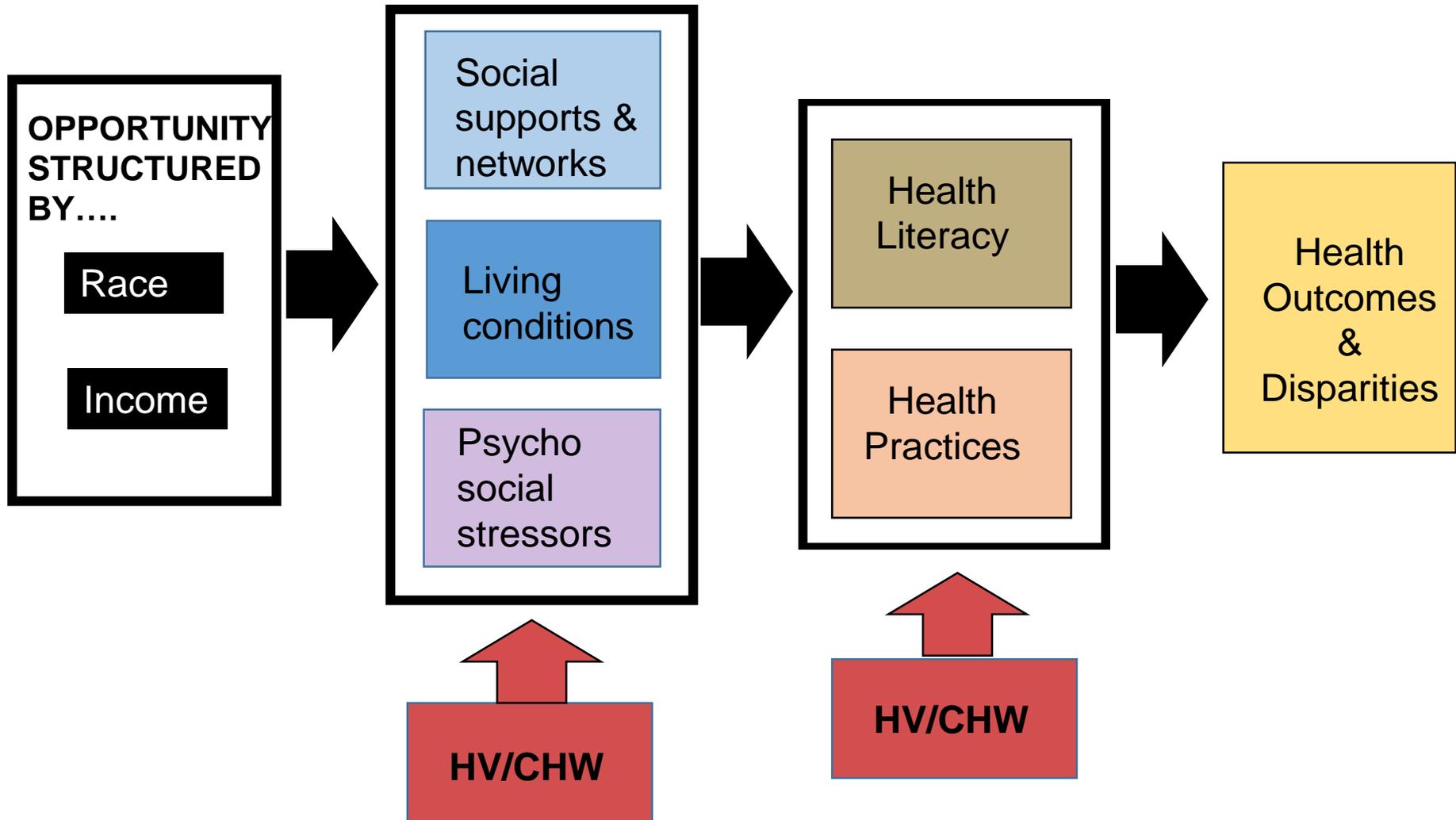
Race

Income

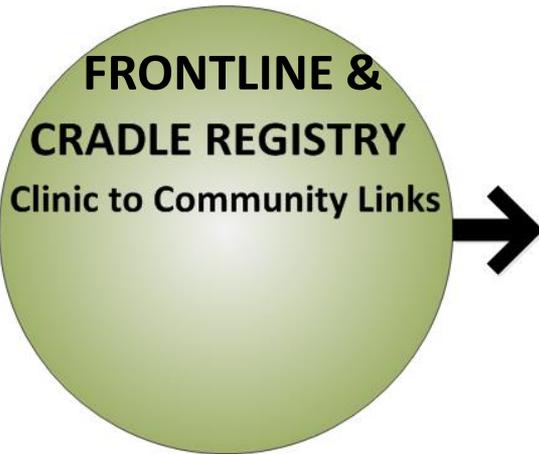
Different Opportunities



Level the Playing Field



Working Together



- **Over 4,300 referrals logged into the registry**
- **Sixty weekly frontline meetings**
- **38 cases brought for brainstorming**
- **200+ cases handed off or shared**

And Reaching....



3,725 women

PREGNANT
POPULATION:

7,095 women

INCOMING
REFERRALS*
(1,916 Women)



51.4%
of Cradle-eligible
women

* Prenatal referrals in during 29-month period: January 1, 2016 through April 15, 2018

** Enrolled up through June 15, 2018

*** Retained through eligibility period as of September, 2017

And Reaching....



3,725 women

PREGNANT
POPULATION:

7,095 women

INCOMING
REFERRALS*
(1,916 Women)

ENROLLED**
(654 WOMEN)



34.1%
Enrollment Rate

TRIPLED the # of women with PPBO
receiving services:
9.9% in 2016 to 29.8% in 2018

Why Does This Matter?

These Programs Help, Especially Families of Color

